

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-2. (Canceled)

3. (Currently Amended) ~~The motor~~ A motor drive apparatus according to ~~claim 2, wherein~~ comprising:

~~said first a first~~ drive circuit starts to drive said driving a first motor in ~~powering mode after said voltage step-up operation is completed~~ motor;

a voltage converter performing a voltage conversion between a power supply and said first drive circuit; and

a capacitor provided between said voltage converter and said first drive circuit, wherein

said voltage converter performs a voltage step-up operation of stepping up a power supply voltage to an arbitrary level and outputs the stepped-up voltage, and

said first drive circuit starts an electric power conversion for driving said first motor in powering mode after said voltage step-up operation is completed.

4. (Previously Presented) The motor drive apparatus according to claim 3, wherein

said first drive circuit receives, after said voltage step-up operation is completed, a required power of said first motor and starts to drive said first motor in powering mode.

5. (Previously Presented) The motor drive apparatus according to claim 4, wherein

said first drive circuit holds in advance a relation between temperature of said power supply and an electric power level that can be output from said power supply, and determines a timing at which said first motor is started to be driven,

based on the temperature of said power supply.

6. (Previously Presented) The motor drive apparatus according to claim 5, wherein

when the temperature of said power supply is lower than a first predetermined threshold or the temperature of said power supply is higher than a second predetermined threshold, said first drive circuit receives the required power of said first motor after said voltage step-up operation is completed, and starts to drive said first motor in powering mode.

7. (Previously Presented) The motor drive apparatus according to claim 6, wherein

a predetermined delay time is provided between a timing at which said voltage step-up operation is completed and a timing at which said first drive circuit starts to drive.

8. (Currently Amended) The motor drive apparatus according to any of ~~claim 2,~~claim 3, wherein

said first motor is a motor starting or stopping an internal combustion engine , and

said voltage converter starts said voltage step-up operation when an instruction to start said internal combustion engine is output.

9. (Previously Presented) The motor drive apparatus according to claim 8, further comprising:

target voltage determination means for determining a target voltage of said stepped-up voltage based on the number of revolutions of said first motor ; and

voltage conversion control means receiving the target voltage determined by said target voltage determination means for controlling said voltage converter to set said stepped-up voltage to said target voltage, wherein

receiving said instruction to start said internal combustion engine, said voltage conversion control means controls said voltage converter to obtain a predetermined stepped-up voltage that is necessary for starting said internal combustion engine, regardless of said determined target voltage.

10. (Original) The motor drive apparatus according to claim 9, wherein said predetermined stepped-up voltage is a maximum voltage of said motor drive apparatus.

11. (Previously Presented) The motor drive apparatus according to claim 10, wherein

said voltage conversion control means determines a voltage step-up rate so that electric power required for said voltage step-up operation is within the electric power level that can be output from said power supply, and said power supply voltage is stepped up to said predetermined stepped-up voltage at said determined voltage step-up rate.

12. (Previously Presented) The motor drive apparatus according to claim 11, wherein

said voltage conversion control means holds in advance a relation between temperature of said power supply and the electric power level that can be output from said power supply, and determines said voltage step-up rate based on the temperature of said power supply.

13. (Previously Presented) The motor drive apparatus according to claim 9, further comprising a second drive circuit provided in parallel with said first drive circuit, and receiving said stepped-up voltage to drive a second motor, wherein

said target voltage determination means determines said target voltage based on the number of revolutions of said first motor or said second motor , and

when said second motor drives a vehicle and an instruction to start said internal combustion engine is issued, said voltage conversion control means controls said voltage converter to obtain said predetermined stepped-up voltage before said internal combustion engine is started.

14. (Original) The motor drive apparatus according to claim 13, wherein said predetermined stepped-up voltage is a maximum voltage of said motor drive apparatus.

15. (Previously Presented) The motor drive apparatus according to claim 14, wherein said voltage conversion control means determines a voltage step-up rate so that electric power required for said voltage step-up operation is within the electric power level that can be output from said power supply, and steps up said power supply voltage at said determined voltage step-up rate to said predetermined stepped-up voltage.

16. (Previously Presented) The motor drive apparatus according to claim 15, wherein

said voltage conversion control means holds in advance a relation between temperature of said power supply and the electric power level that can be output from said power supply, and determines said voltage step-up rate based on the temperature of said power supply.

17. (Canceled)

18. (Currently Amended) ~~The motor~~ A motor drive apparatus according to ~~claim 17, wherein comprising:~~

a first drive circuit driving a first motor;

~~said voltage~~ a voltage converter performing a starts said-voltage conversion  
between a power supply and said first drive circuit; and  
a capacitor provided between said voltage converter and said first drive circuit,  
wherein  
said voltage converter starts a voltage step-down operation for stepping down  
a voltage supplied from ~~after said first drive circuit~~ after said first drive circuit drives said  
first motor in ~~said-regenerative mode~~ and stops said first motor.

19. (Previously Presented) The motor drive apparatus according to claim 18,  
wherein

said voltage converter holds in advance a relation between temperature of said  
power supply and an electric power level that can be input to said power supply, and  
determines a timing at which said voltage step-down operation is started, based on the  
temperature of said power supply.

20. (Previously Presented) The motor drive apparatus according to claim 19,  
wherein

when the temperature of said power supply is lower than a first predetermined  
threshold or higher than a second predetermined threshold, said first drive circuit starts said  
voltage step-down operation after stopping said first motor.

21. (Previously Presented) The motor drive apparatus according to claim 20,  
wherein

a predetermined delay time is provided between a timing at which said first  
motor is stopped and a timing at which said voltage step-down operation is started.

22. (Currently Amended) ~~The motor drive apparatus according to claim 17,~~  
~~further comprising:~~

~~target voltage determination means for determining a target voltage of an output voltage of said voltage converter based on the number of revolutions of said first motor; and~~

~~voltage conversion control means receiving the target voltage determined by said target voltage determination means for controlling said voltage converter to set said output voltage to said target voltage, wherein~~

~~when an instruction to stop said internal combustion engine is output, said first drive circuit starts to drive said first motor in said regenerative mode, and~~

~~said voltage converter starts said voltage step down operation in response to completion of the stoppage of said internal combustion engine. A motor drive apparatus comprising:~~

~~a first drive circuit driving a first motor; and~~

~~a voltage converter performing a voltage conversion between a power supply and said first drive circuit, wherein~~

~~under the condition that electric power that is output from said power supply and that undergoes the voltage conversion by said voltage converter is provided to and from between said first drive circuit and said first motor for driving said first motor and the condition that said first motor is started to be driven, said first drive circuit starts to drive said first motor at a timing different from a timing at which said voltage converter starts the voltage conversion, wherein~~

~~after said first drive circuit starts to drive said first motor in regenerative mode, said voltage converter starts a voltage step-down operation.~~

23. (Previously Presented) The motor drive apparatus according to claim 22, wherein

in response to the stoppage of said internal combustion engine , said voltage conversion control means determines a voltage step-down rate so that electric power generated by said voltage step-down operation is within an electric power level that can be input to said power supply, and controls said voltage converter to obtain said target voltage at said determined voltage step-down rate.

24. (Previously Presented) The motor drive apparatus according to claim 23, wherein

said voltage conversion control means holds in advance a relation between temperature of said power supply and the electric power level that can be input to said power supply, and determines said voltage step-down rate based on the temperature of said power supply.

25. (Previously Presented) The motor drive apparatus according to claim 22, further comprising a second drive circuit provided in parallel with said first drive circuit and receiving said output voltage to drive a second motor, wherein

said target voltage determination means determines said target voltage based on the number of revolutions of said first motor or said second motor , and

when said second motor drives a vehicle and an instruction to stop said internal combustion engine is issued, said voltage conversion control means controls said voltage converter to obtain said target voltage after said internal combustion engine is stopped.